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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/032,893	10/26/2001	Fabio Casati	10010315	8306

7590 06/07/2005
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
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EXAMINER

ALI, SYED J

ART UNIT PAPER NUMBER

2195

DATE MAILED: 06/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/032,893	CASATI ET AL.	
	Examiner	Art Unit	
	Syed J. Ali	2195	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 October 2001.
 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) ☐ Claim(s) _____ is/are allowed.
 6) ☒ Claim(s) 1-27 is/are rejected.
 7) ☐ Claim(s) _____ is/are objected to.
 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
 10) ☒ The drawing(s) filed on 26 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-27 are pending in this application.

Information Disclosure Statement

2. The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609 A(1) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 1-27 are rejected under 35 U.S.C. 102(e) as being anticipated by Du et al. (USPN 6,308,163) (hereinafter Du).**

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5. As per claim 1, Du teaches the invention as claimed, including a method of assigning resources to nodes in a workflow comprising:

defining a plurality of nodes, wherein said nodes are tasks to be executed within said workflow (col. 12 lines 46-57);

defining said resources for execution of said nodes (col. 12 line 57 - col. 13 line 6);

storing a set of data items having variables pertaining to execution of said workflow (col. 13 lines 15-19); and

assigning said resources to said nodes for execution thereof in accordance with a set of rules, said set of rules for controlling the execution of said workflow (col. 5 lines 15-22; col. 8 lines 53-60).

6. As per claim 2, Du teaches the invention as claimed, including the method as recited in claim 1 wherein said rules are based in accordance with an execution history of said workflow (col. 8 lines 53-60).

7. As per claim 3, Du teaches the invention as claimed, including the method as recited in claim 1 wherein said rules are based in accordance with said set of data items (col. 13 lines 21-26).

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8. As per claim 4, Du teaches the invention as claimed, including the method as recited in claim 1 wherein said rules are based in accordance with time, wherein said time is relative to the execution of said nodes, and wherein said time is relative to the execution of said workflow, and wherein said time is relative to absolute time (col. 10 lines 61-64; col. 11 lines 17-25).

9. As per claim 5, Du teaches the invention as claimed, including the method as recited in claim 1 wherein said rules are based upon an event/action criteria and wherein said rules are based upon an event/condition/action criteria (col. 10 lines 61-64; col. 11 lines 5-6, 8-15, 17-25).

10. As per claim 6, Du teaches the invention as claimed, including the method as recited in claim 1 wherein said rules are defined in accordance with a common language used for the entire workflow and used for assigning said resources to nodes (col. 13 lines 30-37).

11. As per claim 7, Du teaches the invention as claimed, including the method as recited in claim 1 wherein said resources executing said nodes are agents (col. 1 lines 35-46).

12. As per claim 8, Du teaches the invention as claimed, including the method as recited in claim 1 further comprises pre-computed authorizations, and wherein said authorizations are applied to said resources and wherein said authorizations are maintained in an up-to-date manner, such that a set of authorizes resources is easily retrievable concurrent with an initiated task (col. 3 lines 10-16, 39-42, 56-66).

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13. As per claim 9, Du teaches the invention as claimed, including the method as recited in claim 1 wherein said rules are Boolean expressions (col. 12 lines 51-53; col. 13 lines 3-6).

14. As per claim 10-18, Du teaches the invention as claimed, including a computer system in a computer network, said computer system comprising:

a bus, a memory unit coupled to said bus, and a processor coupled to said bus, said processor for executing the method of claims 1-9 (Fig. 1).

15. As per claims 19-27, Du teaches the invention as claimed, including a computer-readable medium for storing computer-implemented instructions, said instructions for causing a computer system to perform the method of claims 1-2 (Fig. 1).

Conclusion

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Syed J. Ali whose telephone number is (571) 272-3769. The examiner can normally be reached on Mon-Fri 8-5:30, 2nd Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai T. An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Syed Ali
June 1, 2005



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TECHNOLOGY CENTER 2195